## PATENT ABSTRACTS OF JAPAN

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(21) Application number: 11022162 (71) Applicant: SANYO ELECTRIC CO LTD

(22) Date of filing: 29.01.1999 (72) Inventor: ITO HIDETOSHI

TERAGAKI YASUKO YAMADA MASATO

## (54) LIGHT GUIDE PLATE AND BACKLIGHT DEVICE

## (57) Abstract:

PROBLEM TO BE SOLVED: To increase face luminance while supplementing reduction in luminance when a light guide plate is made thinly.

SOLUTION: Incident light beam 15 from a fluorescent lamp 12 to a incident surface 11a of a light guide plate 11 is reflected at undersurface reflecting surface 11b to head for top surface of the plate 11. When the reflected light is reached a groove part 11db, the light is reflected at the groove part 11db and heads for the undersurface again. Then this light is reflected at groove 11c of the undersurface and outgone from plane part 11da of outgoing surface.

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